

	THREADED	2" ASA 150	2" ASA 300	THREADED	3" ASA 150	3" ASA 300
A	218	261	261	295	346	346
B	96	128	128	128	146.6	146.6
C	55	55	55	84	84	84
D	54	55	55	84	84	84
E	90	90	90	127.5	127.5	127.5
H	70	70	70	95	95	95
J	140	140	140	174	174	174
K	28	28	28	45	45	45
L	125	125	125	155	155	155
M	89	89	89	122	122	122
N	185	185	185	220	220	220
P	162.5	162.5	162.5	234.1	234.1	234.1
Q	227	227	227	357	357	357
	<b>WEIGHT</b>					
F	6.5	9	9.9	16	19.9	22.5
G	2	4.6	5.5	4.6	7.4	10

- SIZES:** 2" and 3" or metric equivalents.
- CONNECTIONS:** Flanged to most standards including ANSI; BS; DIN; ISO Threaded variants also available.
- MATERIALS:** Standard material: Stainless Steel 316.  
Duplex, Hasteloy, and Monel available on request.
- SEALS:** Viton®, Buna, Kalrez®, Chemraz®, others on request.  
All trademarks acknowledged

WORKING PRESSURE	TEST PRESSURE	TEMPERATURE RANGE
17.5 bara	40 bara	- 40°C TO 60°C

#### APPLICATIONS

##### LIQUIFIED GASES

LPG, Butane, Propane and Blends.  
Co2 and DME

##### CHEMICALS & HYDROCARBONS

Aromatics, Ethylenes & Propylenes, VCM  
Alcohols & Acids, Diesel, Jet A1. (See detailed list).

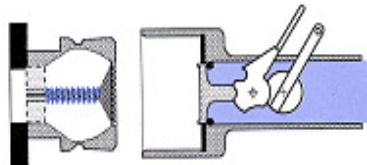
##### OIL & PETROCHEMICAL

Bulk Loading / unloading  
Road & Rail Tankers  
Process Product Transfer

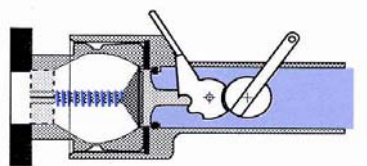
##### SPECIALITY

Hydraulic Oils, Inks, Paints,  
Solvents,  
Locomotive Fuelling,  
Blending Plants

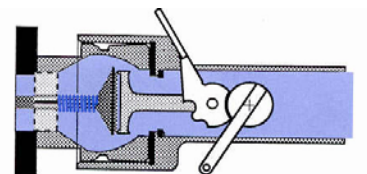
HOW IT WORKS



Coupling not connected – no flow. Neither male nor female couplings can be operated.



Both halves mated. Coupling lever can be engaged. No flow until fully engaged.



Valve Lever can now be operated. Full flow in progress, separation of halves now impossible.



TYPICAL INSTALLATIONS



LOADING ARMS



FLEXIBLE HOSES



TANKER CONNECTIONS

## APC FLUISEAL DRYBREAK COUPLING TYPICAL APPLICATIONS

ACRYLO NITRILE	HEPTANE	PETROLEUM PRODUCTS
ALPHA NAPHTYLAMINE	HEXANE	PHENOL
AMBIENT PROPYLENE	HEXANOL	PHOSPHORIC ACID
AMMONIA	HEXENE	POTABLE WATER
AMMONIA SOLUTION	HYDROCARBONS	PROPANE
ANHYDROUS AMMONIA	ISOBUTANE	PROPYLENE
ANILENE	ISOPROPYL ALCOHOL	PROPYLENE OXIDE
BENZENE	KEROSENE	PYRADINE
BUTADIENE	L P STEAM	REFRIGERANT R22,R142B
BUTANE	LPG	SILICON
BUTENE	LPG DERIVATIVES	SODIUM HYDROXIDE
BUTYL ACRYLATE	MALAIC ANHYDRITE	SODIUM METHYLATE
CRUDE OIL	MERCAPTANS	SOLVENTS
CYCLOHEXANE	METHANOL	SPENT ACID
DAC	METHYL PENTENE	STANNIC CHLORIDE
DIESEL	NAPHTHA	STYRENE MONOMER
DIMETHYLAMINE	NITRIC ACID	SULPHUR DIOXIDE
DINITRO BUTYL PHENOL	NITROBENZENE	SULPHUR MONOCHLORIDE
EFFLUENT	NITROGEN GAS	TOLUENE
ETHER	NONYL PHENOL	TOLUENE/PET ETHER
ETHYL ACETATE	PCF RESIN	TRI METHYL BENZENE
ETHYL ACRYLATE	PENTANE	VCM
ETHYL CHLORIDE	PETROLEUM PRODUCTS	TRI METHYL BENZENE
ETHYLENE DIBROMIDE	PHENOL	VCM

For other product applications please contact APC directly Tell 0191 586 2366 or mail [info@gtgroup.co.uk](mailto:info@gtgroup.co.uk)